



Robert Greene Sterne Jorge A. Goldstein David K.S. Comwell Robert W. Esmond Tracy-Gene G. Durkin Michele A. Cimbala Michael B. Ray Robert E. Sokohl Eric K. Steffe Michael Q. Lee Steven R. Ludwig John M. Covert Linda E. Horner Robert C. Millonig Donald J. Featherstone Timothy J. Shea, Jr Michael V. Messinger Judith U. Kim

Patrick E. Garrett Jeffrey T. Helvey Heidi L. Kraus Eldora L. Ellison Thomas C. Fiala Donald R Ranowit Peter A. Jackman Jeffrey S. Weaver Brian J. Del Buono Vincent L. Capuano Virgil Lee Beaston Theodore A. Wood Elizabeth J. Haanes Joseph S. Ostroff Frank R. Cottingham Rae Lynn P. Guest Daniel A. Klein Jason D. Eisenberg March 29, 2006

LuAnne M. DeSantis Ann E. Summerfield Helene C. Carlson ynthia M. Bouchez Timothy A. Doyle Gaby L. Longsw Lori A. Gordon Ted J. Ebersole Laura A. Vogel Bryan S. Wade Bashir M.S. Ali Shannon A. Carroll Matthew E. Kelley Michelle K. Holoubek+ Marsha A. Rose*

Michael D. Specht Tracy L. Muller Jon E. Wright

W. Blake Coblentze James J. Pohl* John T. Haran* Mark W. Rygiel

Registered Patent Agents Karen R. Markowicz Matthew J. Dowd Katrina Yujian Pei Quach Bryan L. Skelton Robert A. Schwartzman Teresa A. Colella Victoria S. Rutherford Simon J. Elliott Julie A. Heider Mita Mukherjee Scott M. Woodhouse Christopher J. Walsh

Attn: Mail Stop Amendment

Liliana Di Nola-Baron Peter A. Socarras Jeffrey Mills Danielle L. Letting Lori Brandes

Of Counsel Edward J. Kessler Kenneth C. Bass III Marvin C. Guthrie

*Admitted only in Maryland * Admitted only in Virginia • Practice Limited to

Federal Agencies

WRITER'S DIRECT NUMBER: (202) 772-8514 INTERNET ADDRESS: LHORNER@SKGF.COM

Art Unit 1722

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Utility Patent Application

Application No. 10/785,068; Filed: February 25, 2004 **Injection Molding System With Flow Control**

Inventor:

Denis Babin

Our Ref:

2107.0590001/LAH

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. Second Supplemental Information Disclosure Statement;
- 2. Form PTO/SB/08a (1 page) listing one (1) reference; and
- 3. Return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Kinda E. Horner

Linda E. Horner Attorney for Applicant Registration No. 39,588

LAH/lna

Enclosures

513795_1.DOC

Sterne, Kessler, Goldstein & Fox PLLC.: 1100 New York Avenue, NW: Washington, DC 20005: 202.371.2600 f 202.371.2540: www.skgf.com



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Denis Babin

Appl. No.: 10/785,068

Filed: February 25, 2004

For: Injection Molding System With

Flow Control

Confirmation No.: 8946

Art Unit: 1722

Examiner: Colaianni, Michael

Atty. Docket: 2107.0590001/LAH

Second Supplemental Information Disclosure Statement

Mail Stop Amendment

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Listed on accompanying IDS Forms are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Applicant has listed publication dates on the attached IDS Forms based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicant reserves the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent

application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Applicant has checked the appropriate boxes below.

- ☐ 1. Statement under 37 C.F.R. 1.704(d). Each item of information contained in this
 Information Disclosure Statement was first cited in a communication from a
 foreign patent office in a counterpart application and this communication was not
 received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty
 days prior to the filing of this information disclosure statement.
- 3. Filing under 37 C.F.R. § 1.97(c). This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application.

	□ a.	Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each
		item of information contained in this Information Disclosure
		Statement was first cited in any communication from a foreign
		patent office in a counterpart foreign application not more than
		three months prior to the filing of this Information Disclosure
		Statement. 37 C.F.R. § 1.97(e)(1).
	b.	Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item
		of information in this Information Disclosure Statement was cited
		in a communication from a foreign patent office in a counterpart
		foreign application and, to my knowledge after making reasonable
		inquiry, was known to any individual designated in 37 C.F.R.
		§ 1.56(c) more than three months prior to the filing of this
		Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
	□ c.	Attached is our PTO-2038 Credit Card Payment Form in the
		amount of \$ in payment of the fee under 37 C.F.R. §
		1.17(p).
4 .	Filing under	37 C.F.R. § 1.97(d) This Information Disclosure Statement is being
	filed more that	an three months after the U.S. filing date and after the mailing date
	of a Final Rej	ection or Notice of Allowance, but before payment of the Issue Fee.
	Enclosed fine	d our PTO-2038 Credit Card Payment Form in the amount of
	\$ i	in payment of the fee under 37 C.F.R. § 1.17(p); in addition:

- a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
- b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
- 5. The document(s) was/were cited in a search report by a foreign patent office in a counterpart foreign application. Submission of an English language version of the search report that indicates the degree of relevance found by the foreign office is provided in satisfaction of the requirement for a concise explanation of relevance. 1138 OG 37, 38.
- 6. A concise explanation of the relevance of the non-English language document(s) appears below in accordance with 37 C.F.R. § 1.98(a)(3).
- 7. In accordance with 37 C.F.R. § 1.98(a)(2), no copies of U.S. patents and patent application publications cited on the attached IDS Forms are submitted.

□ 8.	Copies of the documents were cited by or submitted to the Office in an IDS that
	complies with 37 C.F.R. § 1.98(a)-(c) in Application No, filed
	, which is relied upon for an earlier filing date under 35 U.S.C.
	§ 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).
9 .	It is expected that the examiner will review the prosecution and cited art in the
	parent application no(s) in accordance with MPEP 2001.06(b), and
	indicate in the next communication from the office that the art cited in the earlier
	prosecution history has been reviewed in connection with the present application.
	It is respectfully requested that the Examiner initial and return a copy of the
enclos	ed IDS Forms, and indicate in the official file wrapper of this patent application
that the	e documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Rinda E. Horner

Linda E. Horner Attorney for Applicant Registration No. 39,588

Date: March 29, 2006

1100 New York Avenue, N.W. Washington, D.C. 20005-3934 (202) 371-2600

513789_1.DOC

Equivalent of Form PTO/SB/08A (07-05)

Approved or use through 8/231/2006.
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

		Ottoes me	raperwork Neducdon Act of 1995, IIC	persons are required to respond to a contect	uon or imormation unless it o	contains a valid OMB (controlationape
Substitute for form 1449/PTO			O	Complete	if Known	_	7006 W
SECO	ND C	TIDDT '	EMENTA I	Application Number	10/785,068	1020	E
SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Filing Date	February 25, 2004 MA		
				First Named Inventor	Denis Babin	120	
			-	Art Unit	1722	ENTATR	AC
			ets as necessary)	Examiner Name	Colaianni, Michael		
Sheet	1	of	1	Attorney Docket Number	2107.0590001/	LAH	

			U.S. PATENT DO	CUMENTS		
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code ^{2 (If Known)}		Applicant of Cited Document		
	US1	3,807,914	4-30-1974	Paulson et al.		
	US2					
	US3					
	US4					
	US5		1			
	US6					
	US7					
	US8					
	US9					
	US10					
	US11					
	US12					
	US13					
-	US14					
	US15					
	US16					
	US17					
	US18					
	US19					
	US20					

		Fo	REIGN PATENT DO	CUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			Relevant Passages or Relevant Figures Appear	T ⁶
	FP1					П
	FP2					П
	FP3					
	FP4		ې			П
	FP5					
	FP6					
	FP7					
	FP8					
	FP9					

513793_1.DOC

Examiner	Date
Signature	Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.